Contents

Letters to the Editor

Linear polarimetric observations of SN 1987 A Clocchiatti, A., Marraco, H.G.	L1	clear activity Fried, J.W., Lutz, D.	52
Void structure in the Lyman α Forest Pierre, M., Shaver, P.A., Iovino, A.	L3	Variability of QSO 0241+622 in the near infrared Lorenzetti, D., Massaro, E., Perola, G.C., Saraceno, P., Strafella, F.	59
Hard X-rays and γ-rays from SN 1987 A and mixing of the supernova ejecta Kumagai, S., Itoh, M., Shigeyama, T., Nomoto, K., Nishimura, J.	L7	Gravitational lenses and the brightness distribution of distant sources *Kayser, R., Refsdal, S.* Stellar kinematics in SB0 galaxies: NGC 2983	63
Rotation-induced mixing and the nitrogen abundance in SN 1987 A		Bettoni, D., Galletta, G., Vallenari, A. A high resolution study of the extended nuclear emission	69
Weiss, A., Hillebrandt, W., Truran, J.W. Radiocontinuum and recombination lines toward CRL618. Evidence for an ionized stellar wind?	L11	region of NGC 5728 Wagner, S.J., Appenzeller, I.	75
Martín-Pintado, J., Bujarrabal, V., Bachiller, R., Gómez-González, J., Planesas, P.	L15	Galactic structure and dynamics	
A remarkable molecular outflow in W 28 Harvey, P.M., Forveille, T.	L19	Stellar dynamics of spiral galaxies: self-consistent models Contopoulos, G., Grosbøl, P.	83
A most peculiar galaxy: IC 860 Kazès, I., Karoji, H., Sofue, Y., Nakai, N., Handa, T.	L22	Anisotropic tensor virial models for elliptical galaxies with rotation or vorticity Busarello, G., Filippi, S., Ruffini, R.	91
PHL 932: another non-post-AGB central star of planetary nebula Méndez, R.H., Groth, H.G., Husfeld, D., Kudritzki, R.P., Herrero, A.	L25	The stellar kinematics of the spiral galaxies NGC 3198 and NGC 3938	105
The radio halo of NGC 4631: ordered magnetic fields far above the plane Hummel, E., Lesch, H., Wielebinski, R., Schlickeiser, R.	L29	Formation, structure and evolution of stars Neutrinos in supernovae. I. An exact treatment of transport Mellor, P., Chièze, J.P., Basdevant, J.L.	123
Extragalactic astronomy		(RN) IRSV 1540-5413: A born-again asymptotic giant branch star?	
The nature of the N-galaxy 3 C 120 Moles, M., del Olmo, A., Masegosa, J., Perea, J.D.	1		143
Ring galaxies with self-consistent haloes Huang, S-n, Stewart, P.	14	notes on its position among the recurrent novae	148
(RN) Predictions for arc polarization Katz, J.I., Jackson, S.	29	An observational study of the Herbig Ae star VV Ser- pentis, and of stars with reflection nebula associated with	
Models of galactic chemical evolution: the problem of uniqueness $Tosi, M$.	33	its dark cloud Chavarria-K., C., de Lara, E., Finkenzeller, U.,	151
The effect of metal-rich infall on galactic chemical evolution		(RN) Optical spectroscopy of V 1016 Cygni during 1983- 1985	
Tosi, M.	47		161

The interacting galaxy NGC 5514: a system with off-nu-

(RN) Observations of [FeVII] and [FeX] in the symbiotic star HM Sagittae during the interval of 1983–1985 Wallerstein, G., Brugel, E.W.	182	Detection of new, high excitation, emission lines of H ₂ in the 2.0-2.4 µm spectrum of the Orion nebula Oliva, E., Moorwood, A.F.M.	261
Stellar atmospheres		Magnitudes of central stars of planetary nebulae Gathier, R., Pottasch, S.R.	266
Analysis of CII resonance lines in some main sequence early-type stars Cugier, H., Hardorp, J. High resolution spectroscopy of CO in the infrared spectra	163	Anti-inversion of the 12.1 GHz methanol line towards dark clouds Walmsley, C.M., Batrla, W., Matthews, H.E., Menten, K.M.	271
of cool stars. II. Quasi-static molecular dissociation zone in the outer atmosphere of red giant stars Tsuji, T.	185	The Sun	
VLBI observations of RS Canum Venaticorum and Algol- type binaries		Spectroscopic analysis of prominence emissions Bendlin, C., Stellmacher, G., Wiehr, E.	274
Massi, M., Felli, M., Pallavicini, R., Tofani, G., Palagi, F., Catarzi, M.	200	Some dynamical aspects of a quiescent filament Schmieder, B., Poland, A., Thompson, B., Démoulin, P.	281
Electron densities in late-type stars Byrne, P.B., Dufton, P.L., Kingston, A.E., Lennon, D.J., Murphy, H.M.	205	Photospheric-induced destabilization and ejection of prominence material Raadu, M.A., Schmieder, B., Mein, N., Gesztelyi, L.	289
A non-LTE stellar atmosphere study of nitrogen-rich early-type stars Schönberner, D., Herrero, A., Becker, S., Eber, F.,		Low-energy particle events generated by solar disappearing filaments Heras, A.M., Sanahuja, B., Domingo, V., Joselyn, J.A.	297
Butler, K., Kudritzki, R.P., Simon, K.P. (RN) Radiation damping in acoustically heated atmo-	209	The solar granulation in the vicinity of sunspots Schmidt, W., Grossmann-Doerth, U., Schröter, E.H.	306
spheres of late-type stars Ulmschneider, P.	223	The solar system	
Mean opacities and the structure of optically thin accretion discs Tylenda, R.	225	Io's Alfvén wave pattern and the Jovian decametric arcs Bagenal, F., Leblanc, Y.	311
Erratum: Rotation of T Tauri stars in the Chamaeleon dark clouds	354	C_2 , H_2O^+ , and dust distribution in comet P/Halley near opposition	
Franchini, M., Magazzù, A., Stalio, R. Diffuse matter in space (including HII regions and planetary nebulae)		Gammelgaard, P., Thomsen, B. 165 Loreley, one of the last large "unknown" asteroids Schober, H.J., Di Martino, M., Cellino, A.	320 327
The plausibility of Kolmogorov-type spectra in molecular clouds		Physical and chemical processes	
Passot, T., Pouquet, A., Woodward, P. Observational evidence of a possible collimating agent of	228	General solution to the steady-state transport equation for cosmic rays through interplanetary space	
the HH 1-2 outflow Marcaide, J.M., Torrelles, J.M., Güsten, R.,		Al Bermani, M.J., Daoud, D.S. Cosmic ray spectra and galactic diffuse gamma-ray emis-	331
Menten, K.M., Ho, P.T.P., Moran, J.M., Rodriguez, L.F.	235	sion Dogiel, V.A., Uryson, A.V.	335
The IR morphology of the bipolar nebula R Monocerotis, NGC 2261	1		
Aspin, C., McLean, I.S., Rayner, J.T., McCaughrean, M.J.	242	Instruments, data processing, and computational methods (RN) The influence of image motion upon measurements	
The circumstellar environment of the Herbig Ae/Be stars The case of AB Aurigae		of solar velocity fields Grigoryev, V.M., Kobanov, N.I.	345
Blanco, A., Fonti, S., Strafella, F. $CO J = 2-1 \text{ mapping of NGC 1976}$	249	The optimization of the Wilson-Devinney method: An application to CW Cassiopeiae	
White, G.J., Phillips, J.P.	253	Barone, F., Maceroni, C., Milano, L., Russo, G.	347

